



Patent No.: 50395-266

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
	:	
Naoki NISHIYAMA	:	Confirmation Number: 6683
	:	
Serial No.: 10/820,146	:	Group Art Unit: 2878
	:	
Filed: April 08, 2004	:	Examiner:
	:	
For:	:	A LIGHT-RECEIVING CIRCUIT CAPABLE OF EXPANDING A DYNAMIC RANGE OF AN OPTICAL INPUT

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop ISD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

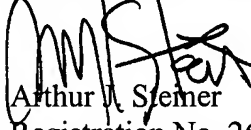
This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

10/820,146 " " . .

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT WILL & EMERY LLP

A handwritten signature in black ink, appearing to read 'Arthur J. Steiner', is written over the printed name.

Arthur J. Steiner  
Registration No. 26,106

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
202.756.8000 AJS:gav  
Facsimile: 202.756.8087  
**Date: August 5, 2004**



SHEET 1 OF 1

INFORMATION DISCLOSURE  
CITATION IN AN  
APPLICATION

(PTO-1449)

ATTY. DOCKET NO.  
50395-266SERIAL NO.  
10/820,146APPLICANT  
Naoki NISHIYAMAFILING DATE  
April 08, 2004GROUP  
2878

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US 5,917,639	06/29/1999	Ushirozawa	
		US 6,031,219	02/29/2000	Shuke	
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number 4 -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		JP 6-013982	01/21/1994	SUMITOMO ELECTRIC IND LTD.		JAPAN (w/English Abstract)	
		JP 8-186924	07/16/1996	ANDO ELECTRIC CO LTD.		JAPAN (w/English Abstract)	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.